



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,070	07/06/2001	Martha L. Lyons	10013274-1	5846

7590 01/12/2005

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

ZAND, KAMBIZ

ART UNIT	PAPER NUMBER
----------	--------------

2132

DATE MAILED: 01/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/900,070	LYONS ET AL.	
	Examiner	Art Unit	
	Kambiz Zand	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. **Claims 1-19** have been examined.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1, 3-4, 7-12 and 15-18** are rejected under 35 U.S.C. 102(e) as being anticipated by Candelore (6,363,149 B1).

As per claim 1 Candelore (6,363,149 B1) teach a clearinghouse for providing verified entitlement information to at least one entitlement service provider, said clearinghouse comprising: a database for receiving said entitlement information from an entitlement enterprise; a secure access point for authorized ones of said at least one entitlement service provider to interactively access said clearinghouse; a clearinghouse monitor for

Art Unit: 2132

controlling access to said clearinghouse from said secure access point responsive to access information provided by said entitlement enterprise; and a data structure for searching said database for entitlement information responsive to data provided by said entitlement service provider (see abstract; fig.1-11 and associated text; col.6, lines 18-51).

As per claim 3 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 further comprising: an authorization communicated to said entitlement service provider responsive to said data structure finding said entitlement information and revised access information (see col.9, lines 8-34; fig.6b and associated text).

As per claim 4 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 further comprising: an automated update resource for initiating communication with said entitlement enterprise to obtain revised entitlement information (see fig.7b and associated text).

As per claim 7 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 wherein said clearinghouse monitor compiles lists of entitlement information corresponding to a user responsive to a request from said user (see fig.6a-b and 8a-c and associated text).

As per claim 8 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 wherein said clearinghouse monitor compiles lists of access information corresponding to ones

Art Unit: 2132

of said at least one entitlement service provider responsive to a request from said ones of said at least one entitlement service provider (see fig.6a-b and 8-a-c and associated text).

As per claim 9 Candelore (6,363,149 B1) teach a method for verifying entitlement, comprising the steps of: assembling a list of entitlement information from entitlement parties; authorizing access to said list of entitlement information based on corresponding access information; providing entitlement service suppliers with authorization secure access to said list; and searching said list for entitlement responsive to identification data provided by said entitlement service suppliers provider (see abstract; fig.1-11 and associated text; col.6, lines 18-51).

As per claim 10 Candelore (6,363,149 B1) teach the method of claim 9 further comprising the step of: issuing a code to said entitlement service suppliers indicative of results of said searching step (see fig.8b, block 850).

As per claim 11 Candelore (6,363,149 B1) teach the method of claim 9 further comprising the step of: verifying entitlement for said entitlement service suppliers responsive to finding said entitlement in said searching step (see fig.6a block signature; fig.6a-b and associated text).

As per claim 12 Candelore (6,363,149 B1) teach the method of claim 9 wherein said

Art Unit: 2132

assembling step comprises the steps of: accessing said list of entitlement information by said entitlement parties with authorization; and transmitting said entitlement information from said entitlement parties to said list of entitlement information (see 6a-b and 8a-c and associated text).

As per claim 14 Candelore (6,363,149 B1) teach the method of claim 9 further comprising the step of: updating said list of entitlement information responsive to entitlement use information transmitted by said entitlement service suppliers with authorization (see fig.6a-b and 8a-c and associated text).

As per claim 15 Candelore (6,363,149 B1) teach the method of claim 9 further comprising the steps of: automatically establishing a communication connection between said list of entitlement information and said entitlement parties with authorization; obtaining revised entitlement information from said entitlement parties; and updating said list of entitlement information with said revised entitlement information (as applied to claim 1 and 13 above).

As per claim 16 Candelore (6,363,149 B1) teach the method of claim 9 further comprising the steps of: compiling a list of entitlement information corresponding to a user; and presenting said list of entitlement information to said user (see fig.9c-d, 10 and associated text).

Art Unit: 2132

As per claim 17 Candelore (6,363,149 B1) teach the method of claim 9 further comprising the steps of: compiling a list of access information corresponding to one of said entitlement service suppliers; and presenting said list of access information to said one of said entitlement service suppliers (see fig.6a-b block access requirement and associated text).

As per claim 18 Candelore (6,363,149 B1) teach an entitlement authority for verifying entitlement information comprising: means for receiving said entitlement information and access information from an entitlement party; means for storing said entitlement information and said access information; means for securing an interface to said entitlement authority; means for authorizing access to said entitlement authority responsive to said access information; means for receiving data from an entitlement service provider for verifying entitlement; code for searching said stored entitlement information using said data; means for providing results of said searching; and means for updating said stored entitlement information provider (see abstract; fig.1-11 and associated text; col.6, lines 18-51).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) patent may not be obtained though the invention is not identically disclose or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention

Art Unit: 2132

was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 5, 6, 13 and 19** are rejected under 35 U.S.C. 103(a) as being unpatentable over Candelore (6,363,149 B1) in view of Akins et al (6,744,892 B2).

As per claim 2 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 as applied above but do not disclose a certification engine for providing certified results from said data structure search. However Akins et al (6,744,892 B2) disclose a certification engine for providing certified results from said data structure search (see fig.21,23,25 and 29 and associated text). It would have been obvious to one of ordinary skilled in the art at the time the invention was made to utilize Akins et al.'s certification method in Candelore's interactive content delivery system in order to provide dynamic access and authentication for services renders.

6. **Claims 5, 6, 13 and 19** are rejected under 35 U.S.C. 103(a) as being unpatentable over Candelore (6,363,149 B1) in view of Katz (6,570,967).

As per claim 5 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 as applied above but do not disclose wherein said secure access point includes a controlled access computer terminal for manually entering entitlement information provided by said entitlement enterprise. However Katz (6,570,967) disclose wherein said secure access point includes a controlled access computer terminal for manually

Art Unit: 2132

entering entitlement information provided by said entitlement enterprise (see col.13, lines 33-43). It would have been obvious to one of ordinary skilled in the art at the time the invention was made to utilize Katz's manual entering terminal in Candelore's interactive ECM system in order to provide digital control signal, audio control signal.

As per claim 6 Candelore (6,363,149 B1) teach the clearinghouse of claim 1 as applied above but do not disclose wherein said secure access point includes an interactive voice response (IVR) unit for facilitating verbal access to said clearinghouse. However Katz (6,570,967) discloses wherein said secure access point includes an interactive voice response (IVR) unit for facilitating verbal access to said clearinghouse (see abstract; fig.1-3 and associated text). It would have been obvious to one of ordinary skilled in the art at the time the invention was made to utilize Katz's voice interface in Candelore's interactive ECM system in order to provide digital control signal, audio control signal.

As per claim 13 Candelore (6,363,149 B1) teach the method of claim 9 as applied above but do not disclose wherein said assembling step comprises the steps of: receiving entitlement information from said entitlement parties; and manually entering said entitlement information onto said list of entitlement information. However Katz (6,570,967) disclose wherein said assembling step comprises the steps of: receiving entitlement information from said entitlement parties; and manually entering said entitlement information onto said list of entitlement information (see col.13, lines 33-43).

Art Unit: 2132

It would have been obvious to one of ordinary skilled in the art at the time the invention was made to utilize Katz's manual entering terminal in Candelore's interactive ECM system in order to provide digital control signal, audio control signal.

As per claim 19 Candelore (6,363,149 B1) teach the entitlement authority of claim 18 as applied above but do not disclose wherein said means for receiving steps and said means for providing step include means for providing voice interaction with said entitlement authority. However Katz (6,570,967) disclose wherein said means for receiving steps and said means for providing step include means for providing voice interaction with said entitlement authority (see fig.1-3 and associated text). It would have been obvious to one of ordinary skilled in the art at the time the invention was made to utilize Katz's voice interface in Candelore's interactive ECM system in order to provide digital control signal, audio control signal.

Conclusion

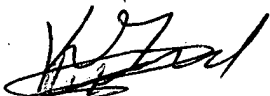
7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S.Patent No. US (5,613,012 A) teach tokenless identification system for authorization of electronic transaction and electronic transmission.

U.S.Patent No. US (6,771,657 B1) teach non-real-time delivery of MPEG-2 programs via an MPEG-2 transport stream.

Art Unit: 2132

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (571) 272-3811. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571) 272-3799. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kambiz Zand

01/07/05